



Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 61457
Application ID: 09540825
Title of Invention: DATA STORAGE SYSTEM HAVING
SEPARATE DATA TRANSFER
SECTION AND MESSAGE
NETWORK WITH PLURAL
DIRECTIONS ON A COMMON
PRINTED CIRCUIT BOARD AND
REDUNDANT SWITCHING
NETWORKS



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MAY 27 2004

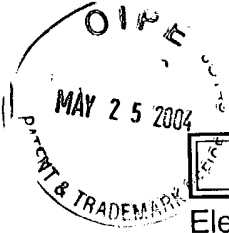
Technology Center 2100

First Named Inventor: David Black
Domestic/Foreign Application: Domestic Application
Filing Date: 2000-03-31
Effective Receipt Date: 2004-05-25
Submission Type: Information Disclosure
Statement
Filing Type:
Confirmation number: 2354
Attorney Docket Number: EMC2-043PUS

Total Fees Authorized: 180.0
Payment Category: Deposit Account
Deposit Account Number: 500845
Deposit Account Name: Richard M. Sharkansky
Access Code: *****
RAM Payment Status: RAM success
RAM User ID: EFSPROD
RAM Accounting Date: 2004-05-25
RAM Sequence Number: 42

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Digital Certificate Holder: cn=Richard M. Sharkansky,ou=Registered Attorneys,ou=Patent and
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: e421e70be4066ebabfbf8707b09377476618292c



TRANSMITTAL

Electronic Version v1.1
Stylesheet Version v1.1.0

Title of Invention	DATA STORAGE SYSTEM HAVING SEPARATE DATA TRANSFER SECTION AND MESSAGE NETWORK WITH PLURAL DIRECTIONS ON A COMMON PRINTED CIRCUIT BOARD AND REDUNDANT SWITCHING NETWORKS
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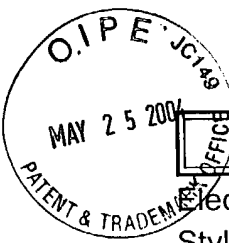
Submitted by:	Elec. Sign.	Sign. Capacity
Richard M. Sharkansky Registered Number: 25,800	/rms/	Attorney

Documents being submitted	Files
us-fee-sheet	EMC2-043PUS-usfees.xml
	us-fee-sheet.xsl
	us-fee-sheet.dtd
us-ids	EMC2-043PUS-usidst.xml
	us-ids.dtd

us-ids.xsl

Comments

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FEE TRANSMITTAL

Electronic Version v08
Stylesheet Version v08.0

Title of Invention	DATA STORAGE SYSTEM HAVING SEPARATE DATA TRANSFER SECTION AND MESSAGE NETWORK WITH PLURAL DIRECTIONS ON A COMMON PRINTED CIRCUIT BOARD AND REDUNDANT SWITCHING NETWORKS										
Application Number:	09/540825		RECEIVED MAY 27 2004 Technology Center 2100								
Date:	2000-03-31										
First Named Applicant:	David L. Black										
Attorney Docket Number:	EMC2-043PUS										
Art Unit:	2112										
Examiner:	Christopher E. Lee										
TOTAL FEE AUTHORIZED \$180											
Patent fees are subject to annual revisions on or about October 1st of each year.											
BASIC FILING FEE											
<table border="1"><thead><tr><th>Fee Description</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Submission Of Information Disclosure Stmt Fee</td><td>1806</td><td>180</td><td>180</td></tr></tbody></table>				Fee Description	Fee Code	Amount \$	Fee Paid \$	Submission Of Information Disclosure Stmt Fee	1806	180	180
Fee Description	Fee Code	Amount \$	Fee Paid \$								
Submission Of Information Disclosure Stmt Fee	1806	180	180								
AUTHORIZED BILLING INFORMATION											
The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:											
Deposit account number: 500845											
Access Code *****											
Deposit name: DALY CROWLEY MOFFORD											
Deposit authorized name: Richard M. Sharkansky											
Signature: /rms/											
Date (YYYYMMDD): 2004-05-25											
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Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

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